

For more information

*To contact the ARB Mobile Source
Enforcement Branch directly:*

(916) 322-7061 (from Northern CA)

(626) 450-6158 (from Southern CA)

To contact the ARB toll-free:

(800) END-SMOG (CA only) or

(800) 242-4450 (outside CA)

P.O. Box 2815, Sacramento, CA

95812

*For information in
Alternative formats:*

(916) 323-4916 (voice, ARB ADA Coordinator)

(916) 324-9531 (TDD, Sacramento area only)

(800) 700-8326 (TDD, outside of Sacramento)

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State of California
Gray Davis, Governor

California Environmental Protection Agency
Winston Hickox
Secretary for Environmental Protection

Air Resources Board
Alan C. Lloyd, Ph.D., Chairman



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Mobile Source Enforcement Branch
P.O. Box 160
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(626) 450-6158 (from Southern California)

California Environmental Protection Agency



Air Resources Board

facts about...

california's periodic smoke inspection

helping your
fleet do its part
to clean the air



HD vehicle information series

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Tel: (916) 322-7061 (from Northern California)
(626) 450-6158 (from Southern California)

California's Periodic Smoke Inspection Program (PSIP)

The Periodic Smoke Inspection

Program (PSIP)

In response to public concerns about the health impacts of heavy-duty vehicle smoke emissions, California law now requires the owners of California-based truck and bus fleets to perform annual inspections of their vehicles. While the California Air Resources Board operates a roadside smoke inspection program (the Heavy-Duty Vehicle Inspection Program), it cannot inspect all of the regulated vehicles. The Periodic Smoke Inspection Program serves as a companion to the roadside program to ensure that all of California's heavy-duty vehicles are properly maintained, tamper-free and free from excessive smoke.

Program requirements*

All California-based fleets of two or more heavy-duty vehicles are required to perform annual smoke and tamper inspections of their vehicles. Fleets of 5 or more vehicles may initially phase in inspections over a period of 455 days. Fleets of 2 to 4 vehicles may initially phase in inspections over a period of 450 days. Vehicle smoke emissions must be below 40 percent opacity for 1991 and newer engines and below percent opacity for engines that are older than 1991.

Fleet owners are not required to inspect vehicles that are powered by engines in their first four model years (for example in 1998 all 1995-98 engines would be exempt).

Heavy-duty diesel-powered vehicles that are not part of a fleet or are exclusively for personal use are exempt.

To ensure compliance, the Air Resources Board will randomly audit fleets' maintenance and inspection records, and test a representative sample of vehicles.

Inspection requirements*

All testing must conform to the Society of Automotive Engineers' (SAE) J1667 snap-acceleration test procedure. All vehicles that do not pass the test must be repaired and retested. All testing must be performed using an SAE J1667 smoke-meter. Fleet owners and testing facilities that have previously purchased an SAE J1243 smoke-meter may use these meters until July 1, 1999.

Fleet owners are required to maintain inspection and repair/retest records for each vehicle.



** This brochure provides an overview of the requirements of the Periodic Smoke Inspection Program (PSIP). For a full listing of the requirements, please contact the Air Resources Board to request a copy of the regulation (Chapter 3.6 Sections 2190-2194), title 13, California Code of Regulations: Periodic Smoke Inspections of Heavy-Duty Diesel-Powered Vehicles). Please consult the back of this brochure for contact addresses and telephone numbers.*

